# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Monday 19 Oct 2020 until 23:59 on Tuesday 20 Oct 2020

Forecast Issued on Monday 19 Oct 2020 at 00:43

**Confidence:** High for occasionally unsettled, but lowering confidence in the detail of worst of the weather as the week progresses.

**Headline for Monday 19 Oct 2020:** Cloudy with some rain, patchy during morning, then more persistent for evening.

**Mountain weather hazards on Monday 19 Oct 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Cloudy | Cloudy | Cloudy | Light rain | Light rain |
| Precipitation probability | | | | | |
| 20% | 10% | 20% | 30% | 70% | 60% |

**Forecast for Monday 19 Oct 2020**

**Weather:** A rather cloudy day however only a few light isolated outbreaks of patchy rain during the morning, while some limited brighter spells appear. Cloud thickening from mid-day, with rain more persistent for the evening, perhaps bringing some heavier outbreaks across western ranges. Turning mainly dry before midnight as bases lift again.

**Chance of cloud free mountain/hill tops above 600m:** 75% during the morning with the extensive cloud mostly above the summits. Becoming 40% during the afternoon as cloud bases lower to 500-700m and thicken.

**Visibility:** Good falling moderate or poor in rain and very poor in hill fog.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Monday 19 Oct 2020**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 20/31 S | 21/29 S | 25/33 S | 23/31 S | 24/35 SE | 28/40 SE | 27/39 SE |
| **300** | 14/22 S | 15/22 S | 20/27 S | 17/25 S | 19/30 SE | 21/33 SE | 20/33 SE |
| **Valley** | 6/18 S | 8/19 S | 12/25 S | 10/23 S | 10/25 SE | 12/28 SE | 13/30 SE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/2 | 7/2 | 8/3 | 7/3 | 8/3 | 7/2 | 7/2 |
| **300** | 8/5 | 9/6 | 10/7 | 10/7 | 10/6 | 9/5 | 9/5 |
| **Valley** | 8/7 | 10/8 | 11/9 | 10/8 | 10/8 | 10/7 | 9/6 |
| **Freezing Level*** | 2100m | 2100m | 2100m | 2100m | 2500m | 2000m | 2200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Conditions becoming difficult during the afternoon, particularly across western routes.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sun 18 Oct 2020 | 1mm | 1mm | 2.6mm |

**Forecast for Tuesday 20 Oct 2020**

**Weather:** A mixed day with showers, which merge to longer periods of rain at times, most lightly early morning and from late afternoon. However also occasionally drier and brighter interludes, chiefly either side of noon.

**Maximum wind:** South 20-25mph with gusts reaching 35mph over most exposed ridges and summits, gradually easing from mid-day.

**Chance of cloud free mountain/hill tops above 600m:** 70% through middle of the day, but 25% early and late in the day.

**Visibility:** Good falling moderate or poor in rain or showers, and very poor in hill fog.

**Temperature:** **Valleys:** Plus 7 Celsius increasing 17 Celsius during the afternoon
**At 600m:** Plus 7-9 Celsius
**Freezing level:** Above summits

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